

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. **(Currently Amended)** An exhaust gas heat exchanger suitable for use in a motor vehicle ~~[[s]]~~, comprising:

at least one header plate;

a ~~pipe~~ bundle of exhaust ~~gas tubes pipes~~ (10) which are welded at ~~the ends of~~ least at one end to the at least one header plate ~~pipe bases~~ (7), and

a housing casing (2) which is welded to the at least one header plate ~~pipe bases~~ (7),

wherein characterized in that the pipe bases (7) are at least one header plate is welded to the housing casing (2, 3b) via a circumferential bead (11) which is arranged at one the end surface of the housing casing.

Claims 2 – 5 **(Canceled)**.

6. **(New)** The exhaust gas heat exchanger as claimed in claim 1, wherein the at least one header plate comprises a raised rim, wherein the rim and the end surface of the housing casing is arranged contiguous to one another and are joined by the circumferential bead.

7. **(New)** A method for production of an exhaust gas heat exchanger that comprises at least one header plate, a bundle of exhaust gas tubes which are welded at least at one end to the at least one header plate, and a housing casing which is welded to the header plate via a circumferential weld bead which is arranged at end surfaces of the housing casing, the method comprising:

assembling the exhaust gas tubes, the at least one header plate and the housing casing into the configuration of a heat exchanger block;

clamping the configuration of the heat exchanger block; and

welding to each other (1) the housing casing and the at least one header plate, to form the circumferential weld bead, and also (2) the exhaust gas tubes and the at least one header plate, while the configuration is clamped.

8. (New) The method as claimed in claim 7, wherein the welding is carried out by at least one laser beam.

9. (New) A method as claimed in claim 7, wherein the at least one header plate has a raised rim, and wherein the rim and the end surfaces of the housing casing are arranged to be contiguous and are connected together by the circumferential bead.